



VERSION 9.10

Installation Manual



Installation Manual

9.10 VERSION
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Introduction

This manual will take you through the installation process, whether it is for an initial installation or simply for an update.

NOTE: the procedures described in this manual are either for a dedicated Debian (or KUBUNTU 8.04) system installation or for a MAC OS X v 10.5/10.6/10.7/10.8. If another operating system is installed, it will be permanently deleted.

Organization and content of this manual

Specifically, this manual contains the following chapters:

Chapter 1 – Installing Caldera Debian

Procedures to install Caldera Debian

Chapter 2 – Installing Kubuntu 8.04

Procedures to install Kubuntu 8.04

Chapter 3 – Installing the Caldera software

Procedures to install Caldera RIP software

Appendix – Caldera registration and licensing

Procedures to register your Caldera software and to activate your licensing key

Conventions used in this manual

The present manual uses the following conventions:

<i>Bold-Italic</i>	Bold and italicized characters in the middle of a text string refer to keys or to the graphic interface. For instance: Press the <i>Return</i> key. Click the <i>OK</i> button.
<i>Italic</i>	Italicized characters in the middle of a text string refer to screen labels. For example: From the <i>Package Group Selection</i> window...
Bold	Bold and Italicized characters in the middle of a text string refer to unique text entries. For example: Type the < machine name > in...
NOTE	A NOTE provides information for the preceding procedure.

In cases where a procedure is different depending on the systems, a background color will be used:

Linux	MAC OS X v 10.5, v 10.6, v 10.7 et v 10.8
Procedures on a Debian / Kubuntu system.	Procedures on a Mac OS X system.

Minimum hardware requirements

For a Linux installation

A complete system matching the following hardware requirements must be dedicated to the Linux operating system and the Caldera software:

- Single or Dual Core 2 Ghz
- At least 2 Gb RAM, 4 GB recommended
- 250 Gb hard disc
- Monitor resolution 1280*1024
- 3 buttons USB mouse

For a Mac OS X v 10.5/10.6/10.7/10.8 installation

The use of the Caldera software is only supported on systems that are dedicated to that use. A complete system matching the following hardware requirements must be dedicated to the Mac OS X v 10.5/10.6/10.7/10.8 operating system and the Caldera Software.

The minimum recommended hardware requirements are:

- Single or Dual Core 2 Ghz
- At least 2 Gb RAM, 4 GB recommended
- 250 Gb hard disc
- Monitor resolution 1280*1024
- 3 buttons USB mouse

Software requirements

The Caldera installation requires the system installation DVDs of the operating system to use (Mac OS X v 10.5/10.6/10.7/10.8, Caldera Debian, or Kubuntu 8.04) and the Caldera installation DVD.

Starting with Caldera V8.01, the caldera package includes a new Linux distribution, which we refer by "Caldera Debian" in the rest of this document. This distribution is based on Debian "Squeeze" and is customized by Caldera. Kubuntu 8.04 is still supported, and still has a dedicated chapter in this manual, but the rest of the manual focuses on the Debian system, which we strongly recommend for any new installation.

Caldera Debian (delivered with the Caldera) package <ul style="list-style-type: none"> • Caldera Debian Installation DVD • Caldera Software DVD 	Mac OS X v 10.5 Leopard / v 10.6 Snow Leopard v 10.7 Lion / v 10.8 Mountain Lion <ul style="list-style-type: none"> • Mac OS X Installation DVD • Caldera Software DVD
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Installing Caldera Debian

This chapter describes the procedures to follow in order to install the Caldera Debian special edition for Caldera

Overview

This version of Linux is specially designed for a new Caldera Software installation on a 64-bit system. To ensure that your Caldera software works properly, please only install the version of Debian Linux that comes with your package: indeed, it contains many presets and customized disk partitioning, and is easier to install than the original version.

IMPORTANT: Caldera doesn't provide any guarantee about installing Caldera Software on any other version of Debian than the Special Edition built for Caldera, since they have not been tested. It may simply not work.

Pre-installation requirements

Please ensure that your CPU is 64-bit compliant (AMD Athlon 64, Phenom, Intel Core 2). Before you perform the actual installation, ensure that your BIOS is set with the CD/DVD-Rom drive as the first item to be launched in the boot sequence.

Known hardware problems:

- With certain architectures, the embedded network card of the motherboard causes the Debian installation program to freeze while trying to detect the hardware. In that case, the solution is to disable the network card in the BIOS just before installing, and re-enable it just after.
- With certain architectures, the embedded USB3 controller of the motherboard causes the dongle key of Caldera (which is USB2) to malfunction. Disabling the USB3 controller in the BIOS (permanently) solves the problem.

Installation procedures

Here are the steps you have to follow to perform the Caldera Debian installation:

- Use the *Caldera Debian Installation* DVD to boot your system.
- System language selection
- Location and Time zone selection
- Keyboard selection
- Computer name selection
- Domain name selection
- Hard disk partitioning
- Finalizing the installation

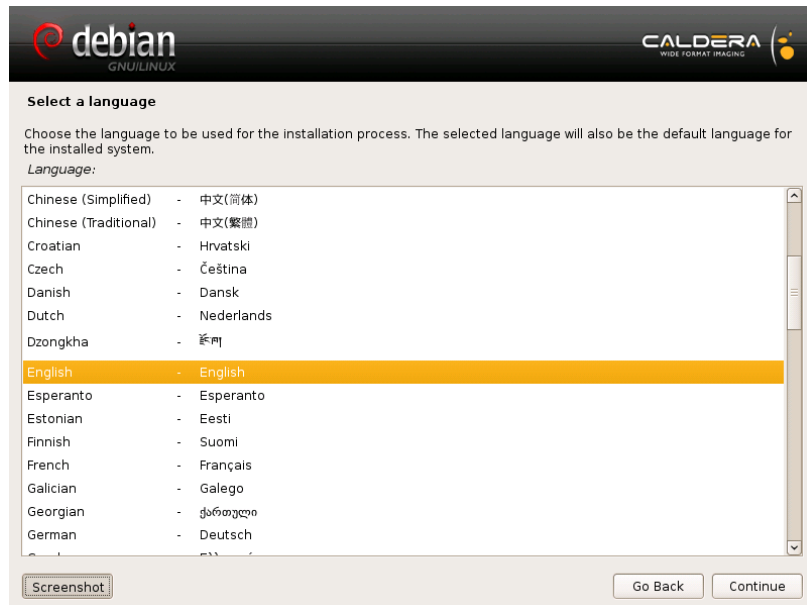
Boot the system

To boot the system:

1. Insert the *Caldera Debian Installation DVD* into the DVD-Rom drive.
2. Turn on the system.
3. The system will automatically boot from the CD. After booting, the software will display the main installation menu.
4. When the Caldera Debian installation menu shows up, you can select the graphical install option and press **Enter**.

System language selection

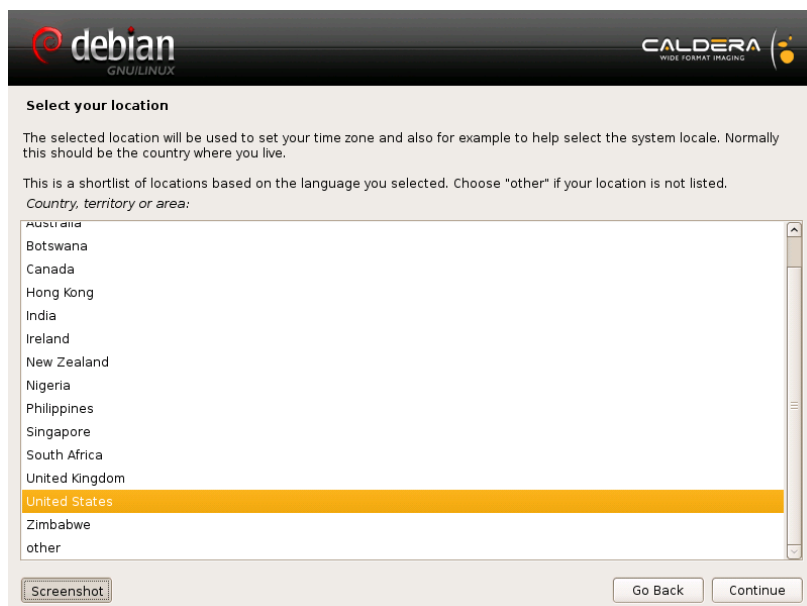
This step provides the selection of the language in which the system will be installed. Choose your language in the list then click on **Continue**.



Location and time zone selection

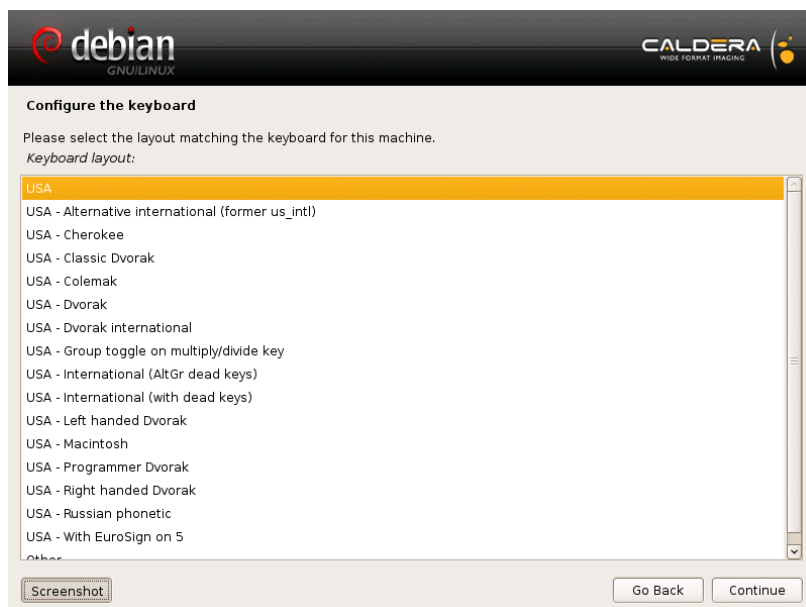
Select your location and click **Continue**.

The time zone will be configured accordingly to the chosen country.



Keyboard selection

Select your keyboard layout in the list and click *Continue*.

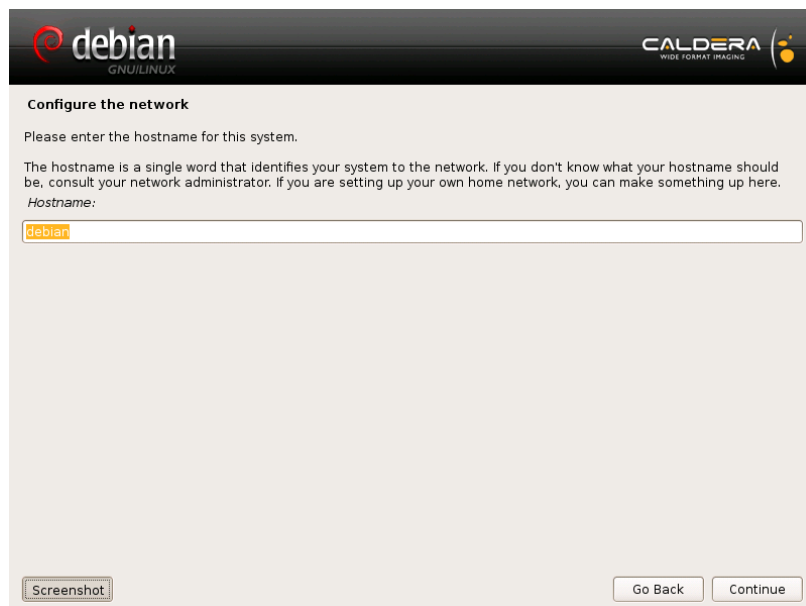


Computer name selection

Before this step, network configuration is automatically detected.

If you have two Ethernet boards on your computer, automatic detection may fail. Don't worry if it fails, there will be a more advanced detection at the first boot after installation. You can also continue without configuring your network and set these parameters later or switch to a manual network configuration.

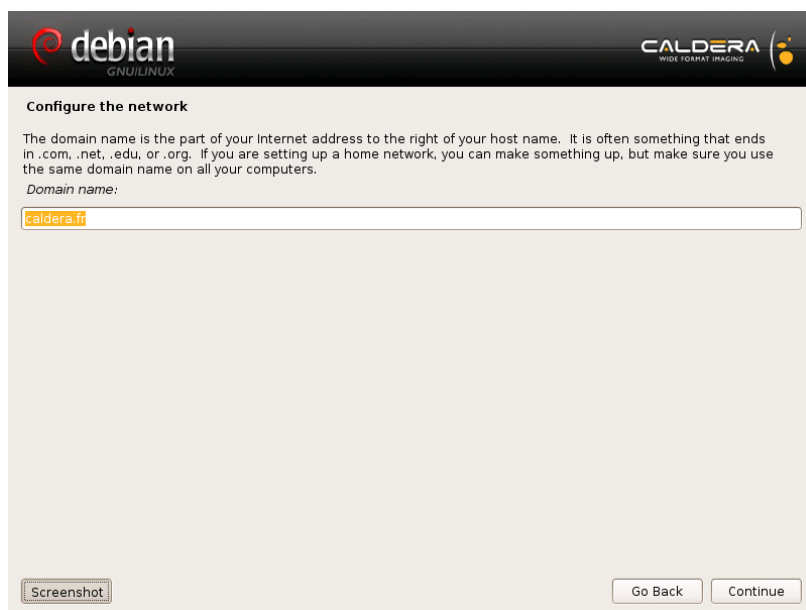
If you configure the network, please provide a *hostname* for your computer here then click *Continue*.



Domain name selection

Indicates a *Domain name* (it is automatically detected when using the automatic detection) then click **Continue**.

The domain name is the right part of your internet address (e.g.: caldera.com). Ask your network administrator to know it.



Hard disk partitioning

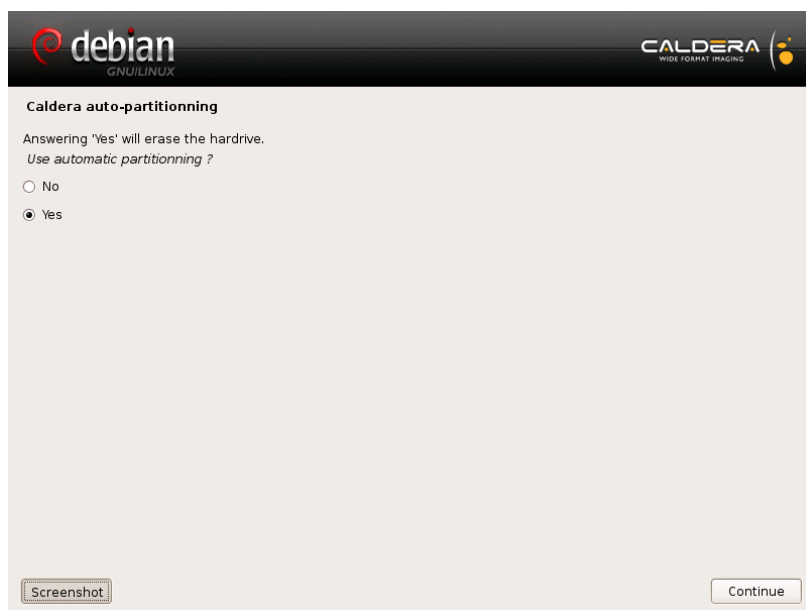
For a fully automated partitioning process, you have to select “*Yes*” to erase completely the disk. If you want to adjust your parameters, for instance if you have a Windows installation on the same computer, you can select “*No*” and configure your partitions manually. Then click **Continue**.

If you want to configure your partitions manually, you must at least have:

A root partition of at least 15 GB (mounting point is /).

A swap partition with 100 % to 200 % of the machine’s RAM.

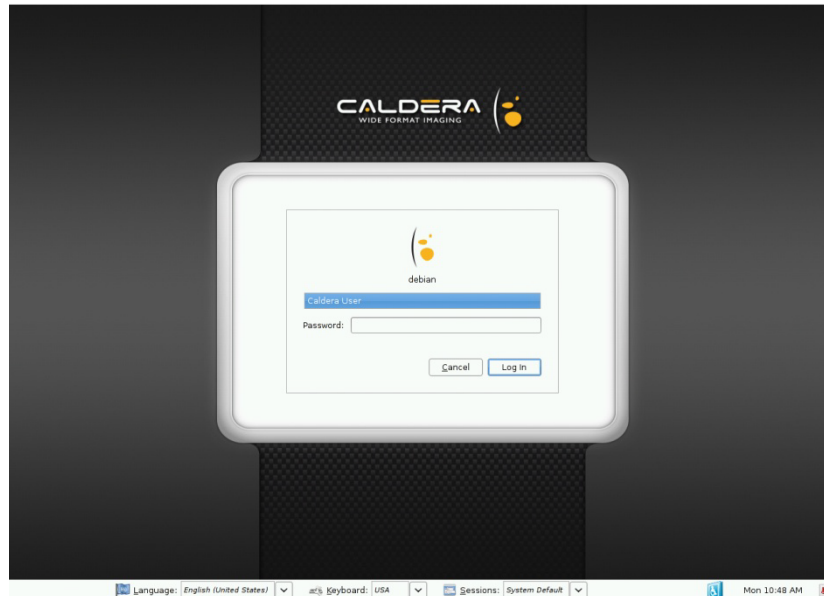
A data partition, which will also hosts the home directory for the standard user (mounting point is /home).



Finalizing the installation

After this step the system will automatically install all the needed packages. When it's done, the DVD tray will open, allowing to remove the DVD and the computer will reboot.

Once the computer has rebooted, you can now log in the Caldera User account (default password is "caldera") to continue with the RIP installation.



Installing Linux Kubuntu 8.04

This chapter describes the procedures to follow in order to install the Linux Kubuntu 8.04 “Hardy Heron” operating system.

Overview

If you do not have a Kubuntu operating system already installed, you will need to perform a new installation. To ensure that your Caldera software works properly, please only install the version of Kubuntu that comes with your package: indeed, it contains many presets and customized disk partitioning, and is easier to install than the original version.

IMPORTANT: Any other distribution is not guaranteed to work. Please also note that the Caldera software will NOT work on a standard Ubuntu system, since it requires the KDE window manager.

Pre-installation requirements

Before you perform the actual installation, ensure that your BIOS is set with the CD/DVD-Rom drive as the first item to be launched in the boot sequence.

Installation procedures

Here are the steps you have to follow to perform the Kubuntu 8.04 installation:

- Use the *Kubuntu 8.04 Installation* DVD to boot your system.
- System language selection
- Time zone selection
- Keyboard selection
- Partitioning the hard disk
- Creating the first user
- Finalizing the installation.

Boot the system

To boot the system:

1. Insert the *Kubuntu 8.04 Installation DVD* into the DVD-Rom drive.
2. Turn on the system. The system will automatically boot from the CD. After booting, the software will display the main installation window.
3. First you have to choose the language of the installation interface and press **Enter**. Then choose *Install Kubuntu*, and press **Enter** again.
4. Select *Start or install Kubuntu* and press **Enter** to begin the installation.

NOTE: If you do not touch the keyboard, this step will be performed automatically after 30 seconds.

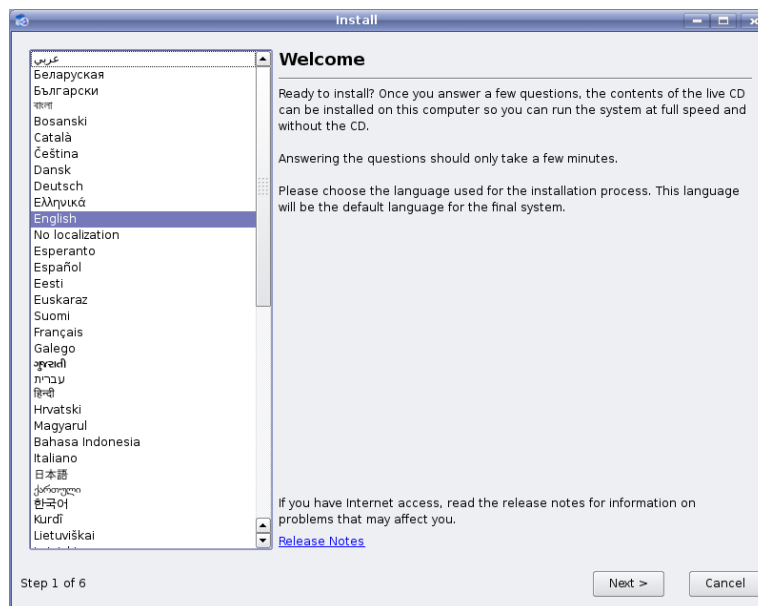
5. Wait for the Live System desktop to appear, and then do a single-click on the **Install** icon in the top left corner.



NOTE: There are six steps to perform here. The current step is indicated in the bottom left corner of the installation window.

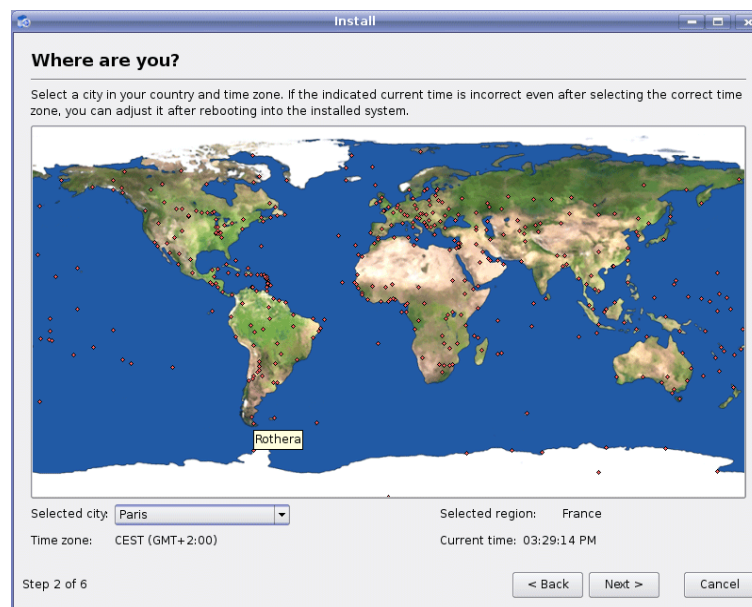
System language selection

In the first window of the installation wizard, select the system language by highlighting the desired language. The system will automatically determine the appropriate language parameters. Click **Next**.



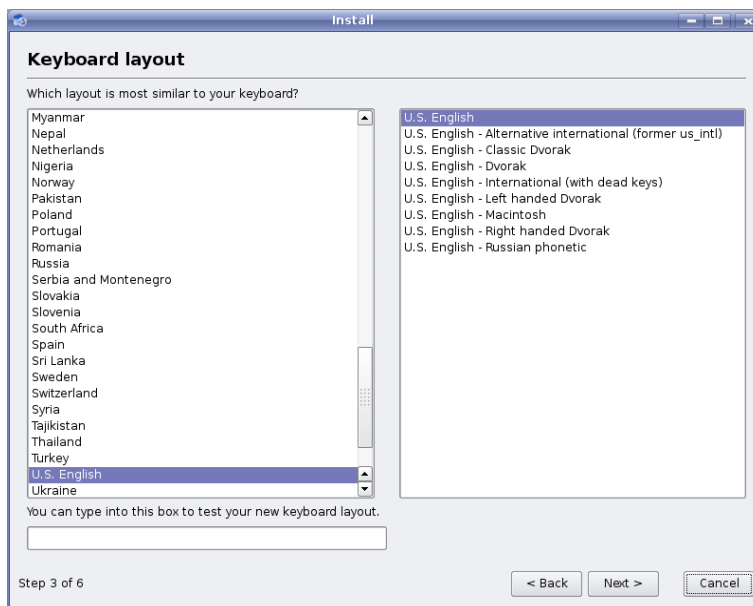
Time zone selection

Select the time zone by clicking on the map, or by directly selecting a city in the *Selected city* options list. Then click **Next**.



Keyboard selection

Select your keyboard layout. If you wish, you can even test special characters specific to your language to make sure that the new layout is working as intended. Click **Next**.



Partitioning the hard disk

This is where the partitioning of the hard disk will be set up.

The Caldera Kubuntu 8.04 CD features a fully automated partitioning process. You simply have to select the *Guided - Use entire disk* item in the list of available choices. This will create a 15 GB root partition and a swap partition, the size of which depends on the amount of RAM in your machine; as for the remaining disk space, it will be used for data storage.

WARNING: Using the automated partitioning process will erase all data previously stored on the disk. If you want to preserve one or more partitions and/or if you need to dual-boot your computer with another operating system, please use the Manual partitioning method instead. The same thing applies if you have more than one hard disk, since the guided partitioning will only use one of them.



If you wish to use the *Manual* partitioning mode, make sure to follow these instructions:

1. Create a root partition with the following specificities:
 - Size: 15 GB

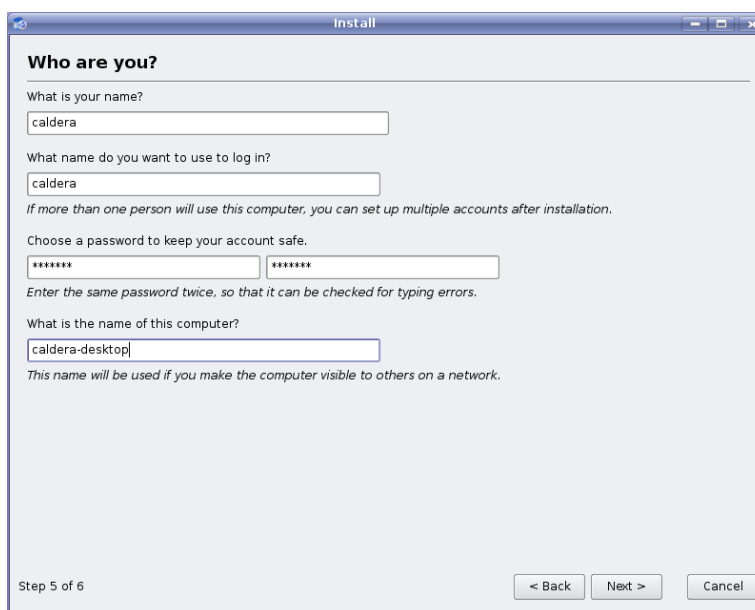
- *Filesystem:* Ext3
 - *Mount point:* /
2. Create a swap partition with the following specificities:
 - *Size:* 100% to 200% of the RAM of the machine
 3. Create a data partition with the following specificities:
 - *Size:* As large as you can
 - *Filesystem:* Ext3
 - *Mount point:* /home
 4. Click the **Next** button.

Creating the first user

It is now time to enter some basic personal information and create a user who will have administration rights on your system.

When using the Caldera Kubuntu CD, all the fields here are already filled. The user account that is created this way is *caldera*, and its password is *caldera* as well.

You can modify them if you wish, but be aware that this could cause problems later on in case you would need the Caldera support team to help you with troubleshooting tasks. However, you can safely change the name of the computer itself, which will be necessary if you are installing more than one Caldera machine on your network.



Who are you?

What is your name?

What name do you want to use to log in?

If more than one person will use this computer, you can set up multiple accounts after installation.

Choose a password to keep your account safe.

Enter the same password twice, so that it can be checked for typing errors.

What is the name of this computer?

This name will be used if you make the computer visible to others on a network.

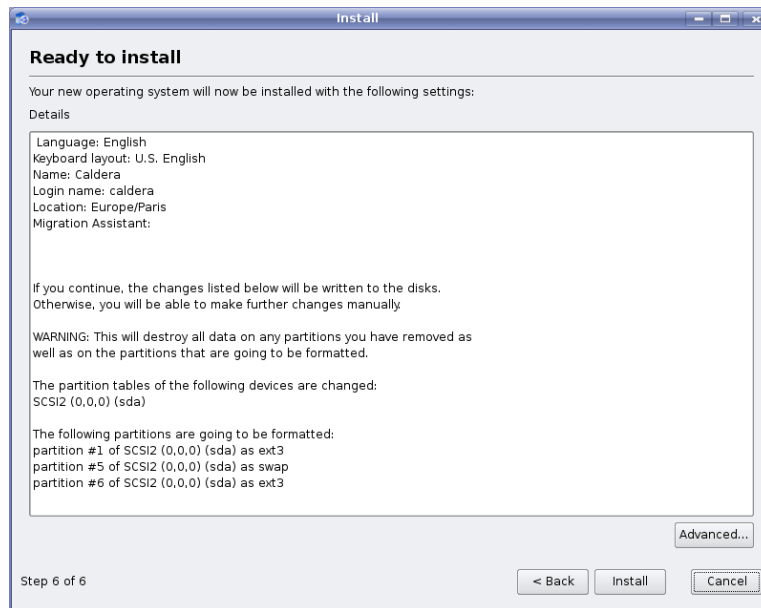
Step 5 of 6

< Back Next > Cancel

NOTE: The account created here will be considered a system administrator. In Kubuntu, the root account cannot be accessed directly, and only administrators can use its specific features.

Click the **Next** button.

Finalizing the installation



1. Click the **Install** button. The installation process will then begin; it may take a little while, so do not be surprised.
2. When the installation is complete, restart your computer.
3. The CD tray will open. Remove the CD, and press the **Enter** key to reboot the computer, as indicated on the screen.
4. After the computer has rebooted, log in with the account created at the *Creating the first user* step. The username and password are normally *caldera*.

Installing the Caldera software

The installation program can be run either in *Simple* or in *Advanced* mode.

The *Simple* mode uses predefined default values for most configuration options. Nevertheless, it lets you choose products, printers and cutters to install.

The *Advanced* mode allows you to configure more options, such as the installation directory and the license server.

NOTE: When a procedure is part of the *Advanced* installation only, you will be warned about it, and invited to jump to the next step directly.

Install process

Starting the installation

To open the Installation program:

On a Debian workstation

1. First, log in as the "caldera" user that was created during the installation. Normally, username and password should both be *caldera*.
2. Insert the *Caldera Installation* DVD. A window will open, displaying the contents of the disk.
3. Double-Click on the *Install* icon

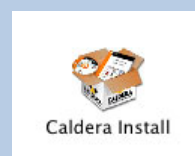
BE CAREFUL: Do not the one named CalderaInstall.app.

4. The installation program should start.

NOTE: if a window with label "Granted permissions without asking for password" pops up, click "Do not display this message again" and then **Close**.

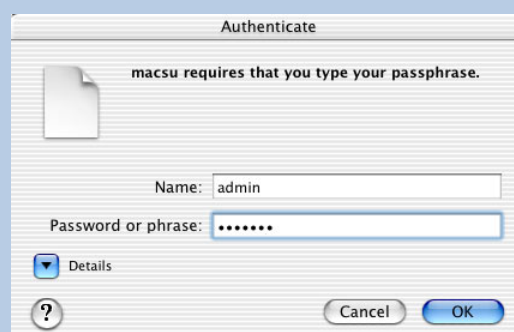
On Mac OS X v10.5/10.6/10.7/10.8

1. If you are not already logged in, log in with any account.
2. Double-click the **CD-ROM** icon, then the Caldera *Install* icon.



3. When asked for authenticate, enter an administrator name and password. You need to enter this password, as the following procedures will require the installation of some system files.

NOTE: Admin appears by default in the *Name* field, since it is the first account that has been created after the installation.

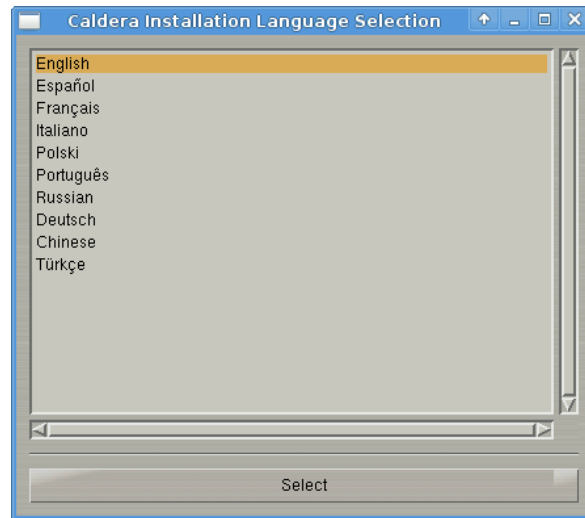


If you do not have an X11 server, it will be installed now. This procedure may last a few seconds. The installation wizard will then open.

NOTE: Whether you are running a Mac OS X or a Linux operating system, this installation will follow almost the same procedure. You will however be warned each time a difference is encountered.

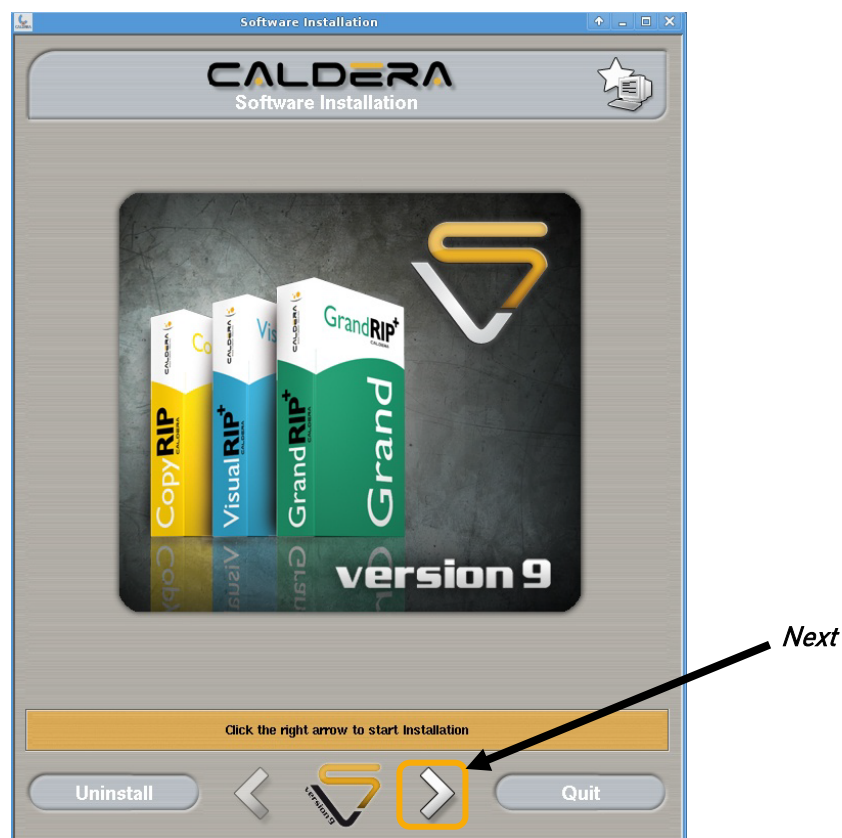
Language selection

In the *Language Selection* window, choose the language in which you want your Caldera solution to be installed. Then click **Select**.



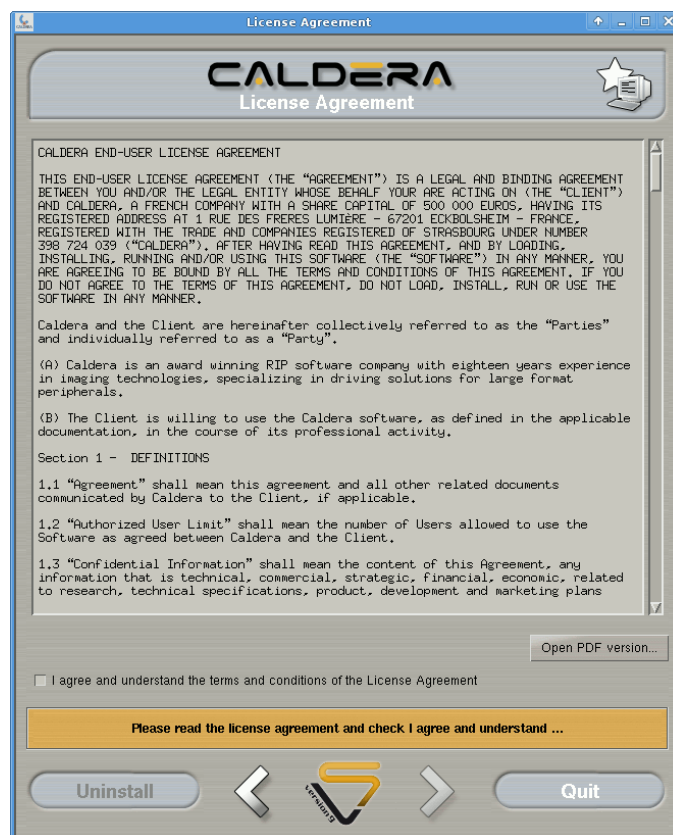
Starting window

The next window is only the presentation screen. Here, click the right arrow (which stands for “Next”, the same way the left arrow stands for “Previous”) at the bottom of the window.



License Agreement

Read the license agreement, you can *open a PDF version* of this agreement for a better readability. Then check *"I agree and understand the terms and conditions of the License Agreement"*. Click on **Next** to continue.



Installation mode

You can choose whether you want to perform a *Simple* or an *Advanced* Installation. The *Advanced Installation* will allow you to install the Caldera software packages when the key server is located on a separate workstation, and to customize some system services.

NOTE: We recommend that you use the Simple Installation.



Press the **Next** arrow button to continue.

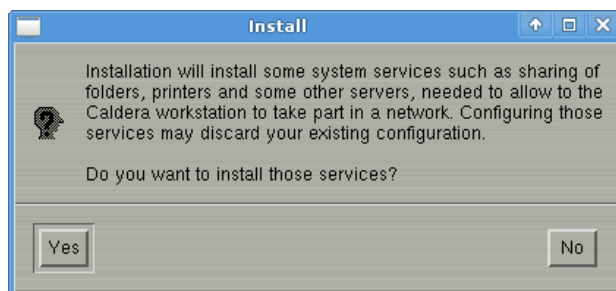
System services selection

1. You will then be asked if you want to install some system services or not.

These services are used by the Caldera software in order to be well integrated to a network environment. However, be aware that this may break your previous configuration in case you are installing on an already existing system and you were using these services.

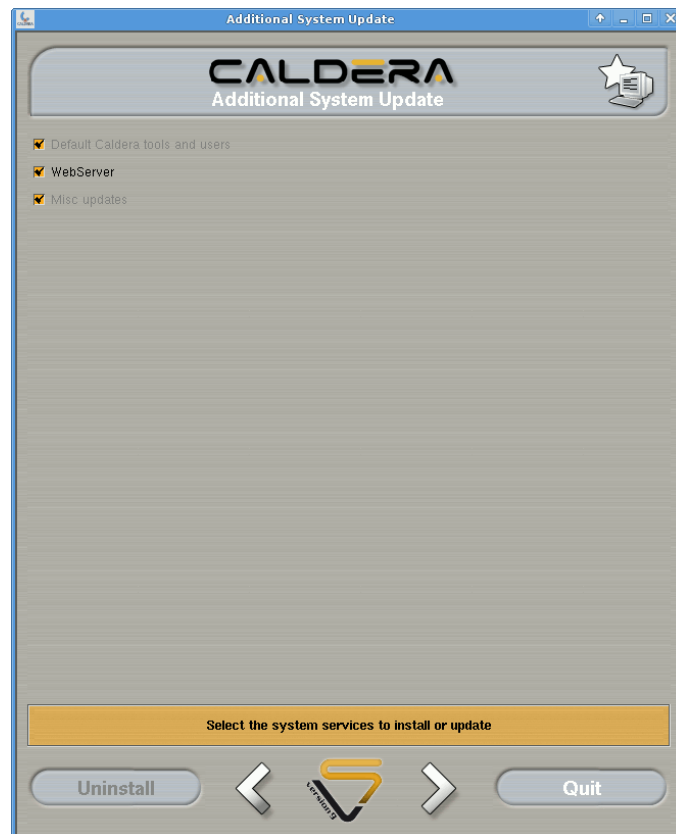
The concerned services are mainly the disk and printer shares, and web and FTP servers.

On a newly installed system, you can press **Yes** without problems.



2. This step is part of the *Advanced* installation. Choose the system enhancements you wish to install: Public Folders (anonymous FTP), CUPS printing, Telnet server...

NOTE: Depending on your operating system, the services shown in the following screenshot may differ from those you will actually see on your screen when performing your installation. Here is a Caldera Debian Installation, that's why there aren't so many services to add.



Product selection

Highlight the product(s) that you want to install, and press the *Next* arrow button.



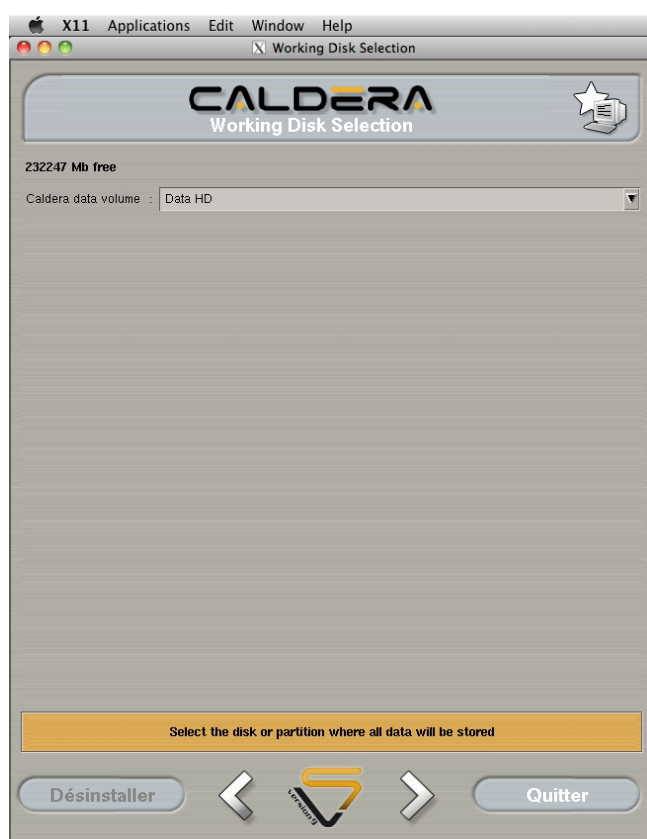
Advanced configuration

The following steps are part of the *Advanced* installation only.

1. On Mac OS X:

In case your system has multiple partitions or disks, you can put all data on a volume separated from the system. This is highly recommended. Choose the volume that you wish to use for your Caldera data, and click **Next**.

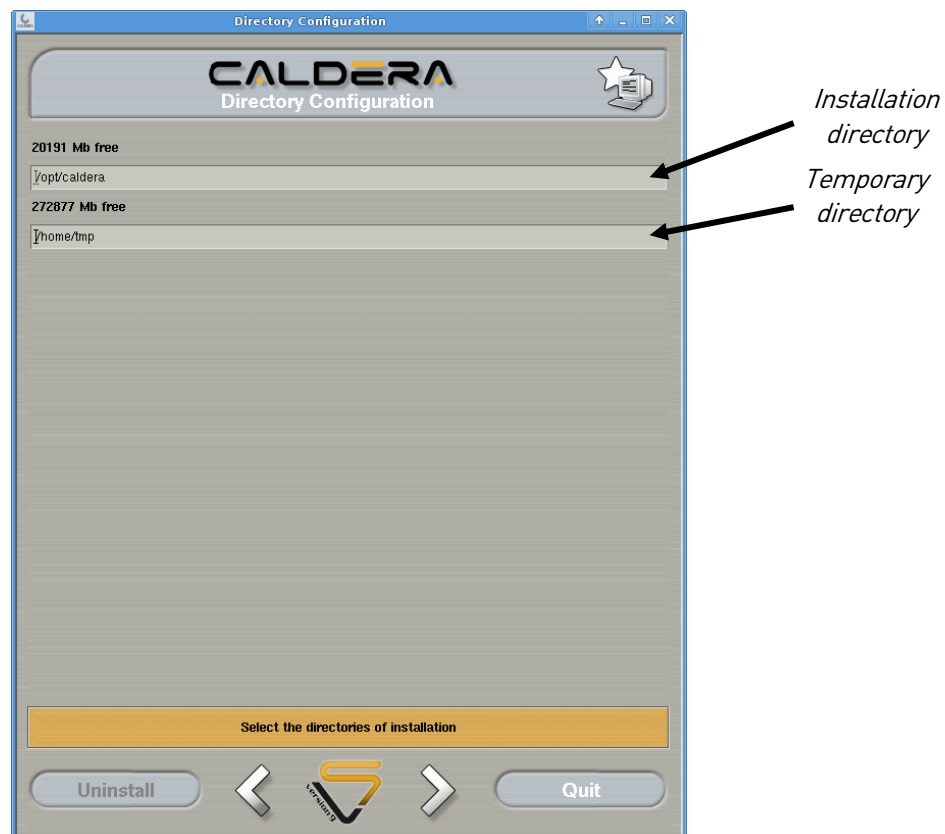
By default, the appropriate directory is already selected.



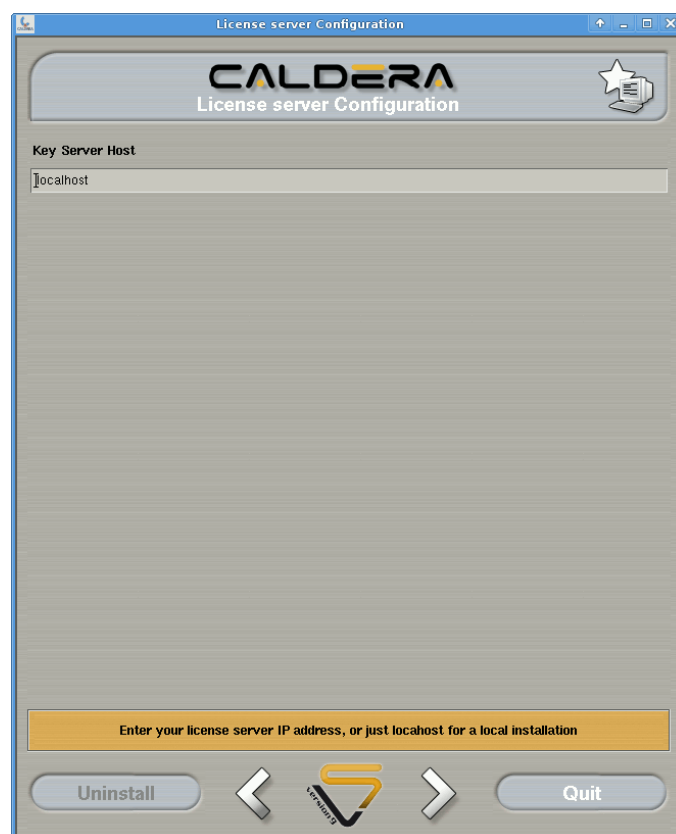
1. On Linux:

Set up the installation directory (the place where all Caldera executables and data will be written) and the temporary directory (the place where all temporary data will be written when the software is running).

Then click on **Next**.



2. In the *Key Server Host* field, set up the name or the IP address of the machine that will act as your key server. Type *localhost* for a local key server.



Printers selection

Here, you can choose the printers you want to install. Add as many printers as you need by using the **Add** button.

The example given here is for a Durst Rho-1000 and an HP Designjet L65500:



Choose your printers then click on the **Next** button.

Cutters selection

In the *Cutters* window, you can select which cutters to install. The process is basically the same as for the printers.

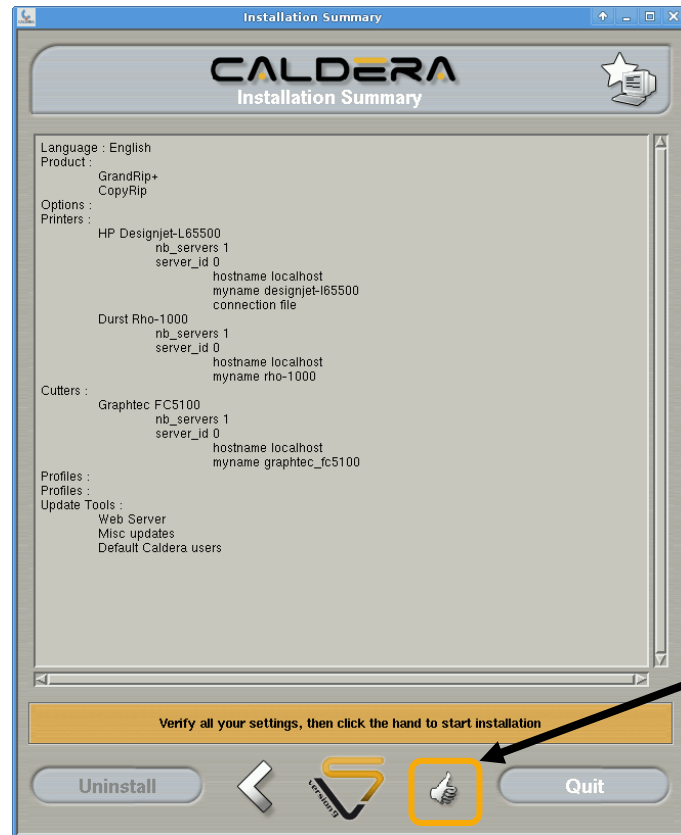
The example given here is for a Graphtec_FC5100.



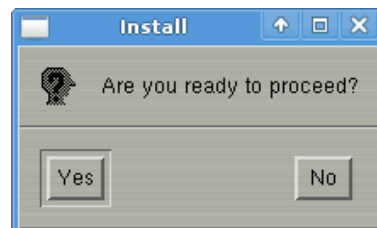
Select your cutters then click on the **Next** button.

Summary screen

This window shows a summary of the different products and options you have selected. If you agree with these choices, click the **thumb icon** to install.



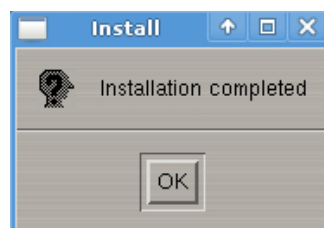
At the message: *Are you ready to proceed?* Click **Yes**.



The installation program will then copy the required files to the disk. Please wait until it is finished.

Finishing the installation

When the installation is complete, click **OK**



Finally, log out and reboot your system.

Appendix – Registration & Licensing

This appendix provides procedures to register your Caldera software and to activate your license keys.

Registration

Registration occurs after the Caldera software is installed. After installation, the installer must perform the following tasks:

1. Complete the registration form located on the Caldera website (<http://www.caldera.com>), in the *Support -> Registration* part.

To register, you will need the following information:

- The product access number that was provided with the software
- The serial number of the dongle, or the ID number of the computer
- Necessary end user information (name, address...)
- A valid e-mail address. This address will be used to send you keys, software updates, and so on. Please fill in the mandatory fields accordingly.

NOTE: Be aware that the information you provide will be used to send you keys, software updates, etc. Therefore, please try to fill in all the information fields.

After you register, you will receive confirmation via e-mail summarizing the information you have provided.

2. Caldera will check and process your request. You will then be able to download your key from our website (*Support* section) by inputting the access codes you are given in an e-mail.

This key is a file that you must insert into your system. Your key remains valid for 60 days. This 60-day time period is your warranty period. During this time you can access Caldera ' hotline by telephone, fax, or e-mail. When you contact the Caldera support, remember to always give your product access number.

Installing the license key

1. To install your licence key, you must first retrieve the key file that has been provided to you.

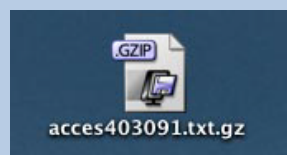
BE CAREFUL: It is important to leave this file compressed, i.e. with its [.txt.gz] format!

On Linux

If you downloaded your key, copy it in the *public* directory on your hard drive (this directory is located in *file:/home/public*). This key is a .txt.gz file.

On Mac OS X v10.5, v10.6, v10.7 and v10.8

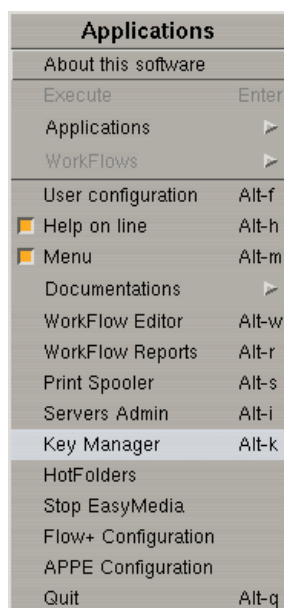
If you have downloaded your key, drag and drop it onto your Desktop area.
This key is a txt.gz file.



2. Open the Caldera software (CopyRIP, VisualRIP, GrandRIP) by double-clicking its icon on the Desktop.
3. Open the *KeyManager* module.

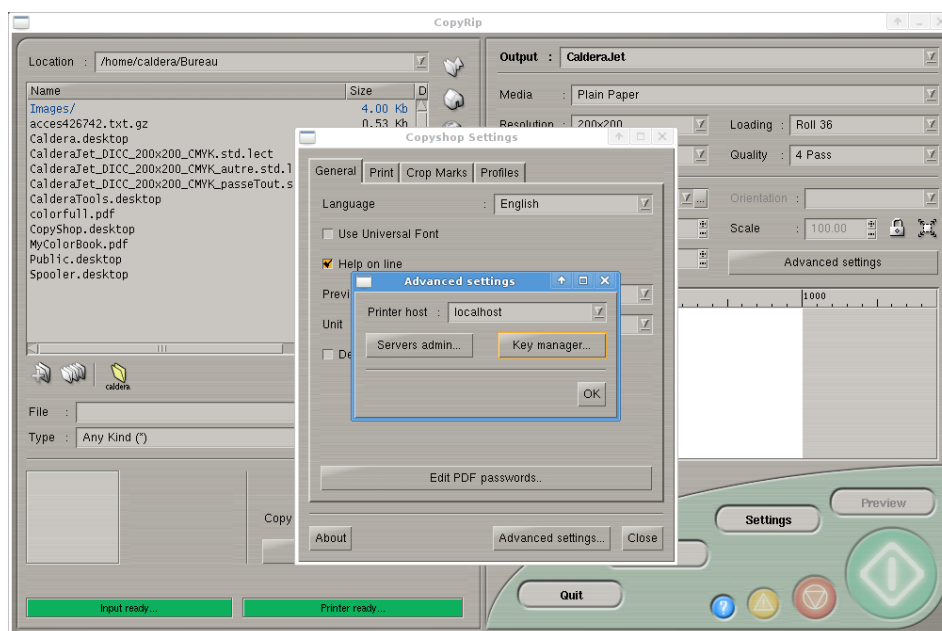
From a Visual or Grand product:

Right-click the **Application bar** to display the *Applications* menu and select the **Key Manager** entry (or alternatively, double-click the *Key Manager* icon in the Settings Tab).



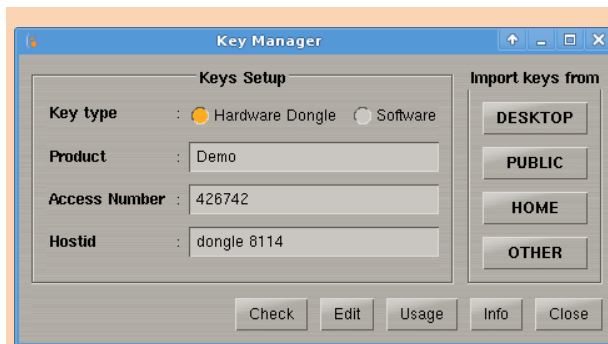
From CopyRIP:

Click the **Settings** button, then the **Advanced Settings** button, and finally the **Key Manager** button.



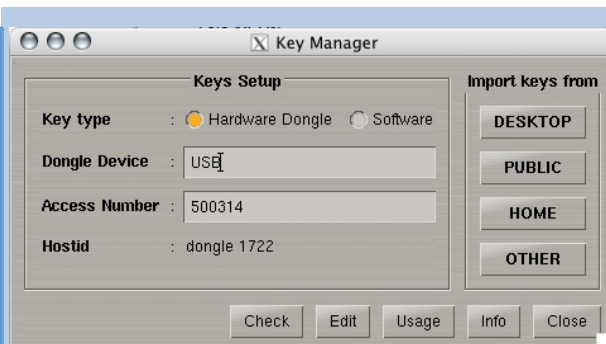
4. In the window that appears, you must now import the key file:

On Linux



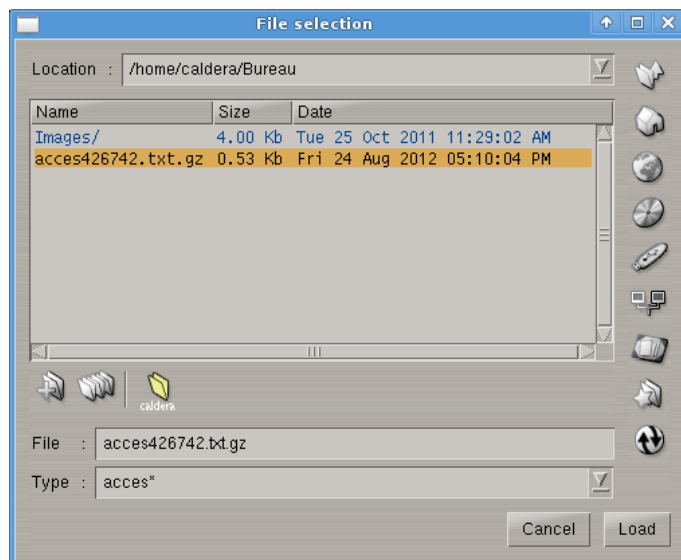
Click the **PUBLIC** button if you have downloaded the keys (and if you saved the file in `/home/public`).

On Mac OS v10.5, v 10.6, v10.7 and v10.8

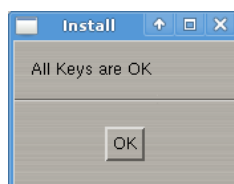


Click the **DESKTOP** button if you saved the key file on your desktop.

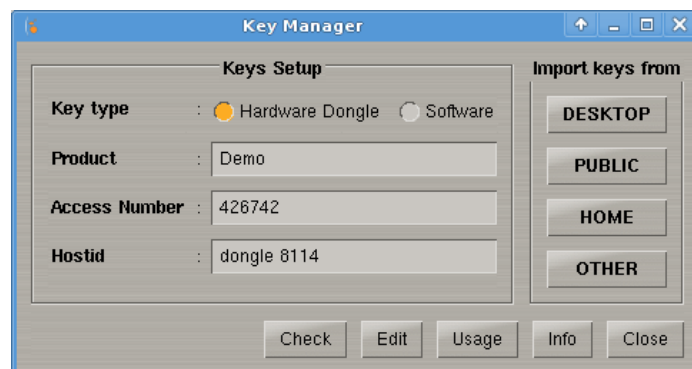
NOTE: In case the key file is in another directory, click the **OTHER** button, select the file in the browser, then click **Load**.



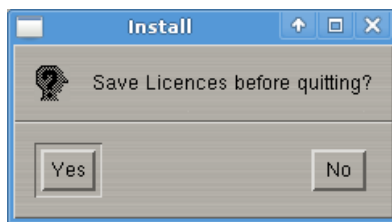
5. Once you have processed and loaded the keys, the *All Keys are OK* window will appear. Click **OK**.



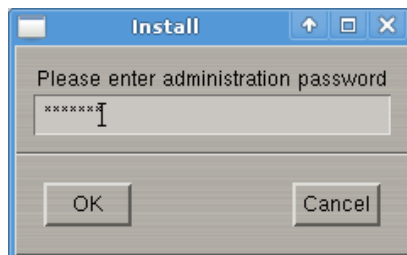
6. In the *Key Manager* window, click **Close**.



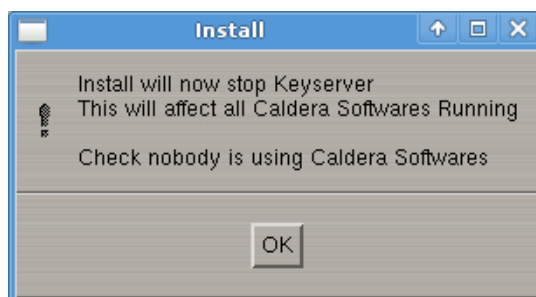
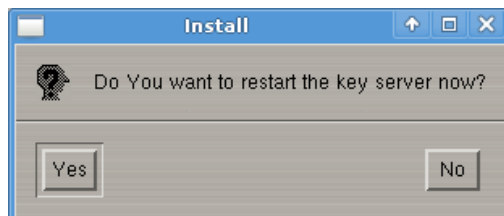
7. Another window will then appear, with the following text: *Save Licences before quitting?*



8. To save the license, click **Yes**.
9. In the next window, type the Caldera administration password, which should normally be *caldera*.



10. Click **Yes**, then **OK** to restart the key server.



Within 10 to 12 days before the end of your warranty period, you will receive a final key that you will also have to download. When you receive this final key, use the same procedure as previously described to import it into your system.

NOTE: If you want to be able to access the Caldera hotline support beyond the initial 60-days warranty, you must subscribe to a maintenance service pack for your Caldera software package. This will also give you access to minor as well as to major releases.